



## Media Advisory



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### U.S. Army Recruits Industry for Sustainable Energy Vehicle

DETROIT ARSENAL, WARREN, MI — The U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC) introduced the Fuel Efficient Demonstrator (FED) program during Industry Day Sept. 30 at Automation Alley® in Troy, MI.

The FED program's objective is to improve military vehicle technology, reduce fuel consumption and decrease the Army's dependence on oil. More than 75 companies and 147 people attended FED Industry Day.

"Automation Alley represents innovation, partnership and collaboration and that is what TARDEC is all about as well," TARDEC Director Dr. Grace M. Bochenek remarked. "Partnerships with industry and academia will help us improve fuel efficiency and take alternative fuel to the next level. TARDEC is the Department of Defense [DOD] Ground Vehicle Center of Excellence, and we are uniquely situated in the heart of the automotive capitol of the world. We want to leverage your expertise to help the Nation and the warfighter."

Through the FED program, TARDEC is looking to partner with unique, innovative companies to take technology to the next level. "We are here to create partnerships and together we can drive innovation," Bochenek continued.

The FED program is designed to launch these partnerships while working collaboratively with subject matter experts from government, industry and academia to achieve a common goal.

"We are going to challenge people's ideas on a data-based approach," explained TARDEC Executive Director for Product Development Thomas Mathes. "We plan on leveraging DOD, the Department of Energy and Department of Transportation. We are looking under every rock to bring the ideas to the FED program. Fuel efficiency and economy are the driving forces. No idea is too strange."

TARDEC's Ground Vehicle Power and Mobility Acting Associate Director Chuck Coutteau highlighted the challenges that the ground vehicle fleet is facing. "We are finding that ground vehicle fleets are approaching limits that inhibit current and future operational



## Media Advisory



requirements. TARDEC has indentified critical technology gaps across multiple platforms and is working toward filling those gaps to facilitate the Army's transformation."

The FED offers industry members the occasion to have technology reviewed by government and industry experts. "This is the best opportunity you're going to have to do business with the government," explained TARDEC FED Team Leader Carl Johnson.

Global ET founder Mark Stanczak participated in the FED Industry Day and has worked with TARDEC through the Small Business Innovation Research Program. "Our experience working with TARDEC has been outstanding," stated Stanczak. "The leadership at TARDEC has done an exceptional job of keeping the focus on technology solutions that have real benefit to warfighters. The TARDEC scientists and engineers are creative and hardworking. I continue to be impressed with their dedication to the TARDEC mission, and we are privileged to support their efforts."

The FED program is accepting technology submissions until Oct. 17, through the FED Web site: <http://www.peogcs.army.mil/fed/default.aspx>.

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**Note: There is a photo available for use with this release. Caption information follows. To download the photo, go to <http://www.tardec.info/pressreleases/>.**

### Captions:

#### **TARDEC-PR-0833\_Bochenek**

TARDEC Director Grace M. Bochenek addressed Michigan industry leaders at Automation Alley for the kick-off of FED Industry Day stating, "TARDEC is the Department of Defense [DOD] Ground Vehicle Center of Excellence, and we are uniquely situated in the heart of the automotive capitol of the world. We want to leverage your expertise to help the Nation and the warfighter." (U.S. Army TARDEC photo by Elizabeth Carnegie.)

*TARDEC is the Nation's laboratory for advanced military ground systems and automotive technology. A leading technology integrator for the U.S. Army Materiel Command's Research Development and Engineering Command (RDECOM), TARDEC is headquartered at the Detroit Arsenal in Warren, MI, located in the heart of the world's automotive capitol. TARDEC is a major element of RDECOM and partner in the TACOM Life Cycle Management Command. As a full life-cycle engineering support provider-of-first-choice for all DOD ground combat and combat support weapons and vehicle systems,*



## *Media Advisory*



*TARDEC develops and integrates the right technology solutions to improve Current Force effectiveness and provide superior capabilities for the Future Force. TARDEC's technical staff leads research in ground vehicle survivability; mobility/power and energy; robotics and intelligent systems; maneuver support and sustainment; and vehicle electronics and architecture. TARDEC develops and maintains ground vehicles for all U.S. Armed Forces and numerous federal agencies.*

*For additional information about TARDEC's forthcoming developments and other technologies, please contact Mike Roddin at [mike.rodin@us.army.mil](mailto:mike.rodin@us.army.mil).*